THE
ANNUAL
REPORTS
OF THE
COUNTY
MEDICAL
OFFICER
OF
HEALTH
AND
PRINCIPAL
SCHOOL
MEDICAL
OFFICER

DEPARTMENT OF HEALTH AND SOCIAL SECURITY
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COUNTY OF LINCOLN PARTS OF KESTEVEN

1973

COUNTY OF LINCOLN

PARTS OF KESTEVEN

1973

ANNUAL REPORTS
of the
COUNTY MEDICAL OFFICER OF HEALTH
and
PRINCIPAL SCHOOL MEDICAL OFFICER

CONTENTS

		Page
PREFACE		3
HEALTH COMMITTEE		5
EDUCATION COMMITTEE		6
STAFF		7
PART I	Statistics and Social Conditions	16
PART II	Epidemiology	16
PART II	Vaccination and Immunisation	20
PART IV	Care of Mothers and Young Children	23
PART V	Nursing Service	27
PART VI	Ambulance Service	29
PART VII	Prevention of Illness, Care and After-Care	30
PART VIII	Environmental Health Services	33
PART IX	School Health Service	36
INDEX		

PREFACE

To the Chairman, Aldermen and Members of
the Kesteven County Council

I have pleasure in presenting my annual reports on the health of the County and the school child for the year 1973.

These reports are briefer than their predecessors for the following reason.

The vital statistics contained in the Report come from a variety of sources. A major source is the Office of Population Censuses and Surveys whose statistics for 1973 are not available until April 1974.

The vital statistics that are available show that the number of babies born in the County declined for the third successive year. There were 2511 births giving a birth rate of 15.5 compared with 16.5 in 1972. There was a reduction in the number of infant deaths and the infant mortality rate was 13.9 compared with 15 in 1972.

I have to report that there was a further increase in the number of patients diagnosed as suffering from venereal diseases attending at the special treatment centres in hospitals in the area. There were 307 cases compared with 103 cases in 1963 and 254 cases in 1972. It should be remembered that an attack of venereal disease may result in chronic ill health or sterility for a proportion of those infected.

The declining birth rate has resulted in fewer attendances at our infant welfare centres but it is pleasing to report that a higher proportion of the children received protection by immunisation against diphtheria and poliomyelitis. Once again a large number of girls between the ages of 11 and 14 years accepted the offer of vaccination against rubella (german measles).

Our Nursing Services met a heavy demand on its services. There was again a heavy demand on the ambulance service and it is regretted that limitations had to be made on the service that could be provided in the closing weeks of the year due to industrial action by members of the ambulance service.

There was a further expansion of the chiropody and family planning services in the County.

Limitations of national finance meant that it was not possible to commence the erection of the Market Deeping Health Centre in 1973 but I hope that it will be possible to commence building the Market Deeping and North Hykeham Health Centres during 1974.

The health of the school children in the County was good. Fewer children were found to have heads infested with lice or nits. It is still important that parents and teachers should continue to take a clean interest in the checking of children's hair. Long hair obviously provides many hiding places for lice and their eggs.

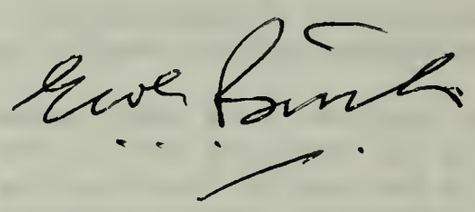
The Lincolnshire Area Health Authority will become responsible for the running of health services in the County after the 31st March 1974. The present limitations on available monies will make its task more difficult

but there is a fund of goodwill towards the health service in Kesteven and Lincolnshire as a whole and if this goodwill can be converted to voluntary effort on behalf of the health service success will crown the efforts of the Authority to provide an excellent service for the people of the County.

It is a very real pleasure and privilege to thank all the volunteers who have helped in the running of the County Health Services and also the medical and other staff of R.A.F. Hospital, Nocton Hall and the R.A.F. stations in the County for their help and co-operation.

I am grateful to the Chairman and the Vice-Chairman of the Health Committee and members of the Council for their support and encouragement and for help given by colleagues in other Departments of the County Council.

It has been an anxious and arduous year for the staff of the Department and I am very grateful for their support and hard work during the year and without which this report could not have been produced before the end of March 1974.



County Medical Officer of Health
Principal School Medical Officer

Public Health Department,
County Offices,
Sleaford,
Lincs.

HEALTH COMMITTEE

(Constitution as at 31st December 1973)

Chairman:

Alderman S.P. KING, O.B.E.

Vice-Chairman:

Councillor Mrs. E.C. PACKER, B.E.M.

Aldermen:

J.H. LEWIS, D.L.
(Chairman of the County Council (ex-officio)
J.W. HARRISON
H.P. KELWAY, F.C.A.
Vice-Chairman of the County Council (ex-officio)

Councillors:

MRS. M. BANGAY
MRS. G.I. BLACK
MRS. G.M. BOYFIELD
MRS. G.M. BRIGGS
G.G. CROWSON
MRS. E. DAVIES
MRS. L. DICKINSON
MRS. W.A.S. FALLA
T.W.F. HALL
W.R. HARRISON, M.B.E.
H. KNOWLES
C.E. MARSHALL
MRS. E.M. MAWER
MRS. F. McCALLUM
MRS. K.D. PORTER
H. SCARBOROUGH
R.K.M. TALLENTS
MRS. J.A. UNDERWOOD
R.W. YATES
Two vacancies

Co-opted Members

MRS. C.A. BAKER
Councillor W. BEVAN
MRS. A.E. MILLETT
Mrs. P.M.B. SMALLHORN

Representing Kesteven Local Medical and Panel Committee:

A.M. GORDON, M.B., Ch.B.

Representing Kesteven Local Dental Committee:

F.H. WALLACE, L.D.S., R.C.S. (ENG).

EDUCATION COMMITTEE

(Constitution as at 31st December 1973)

Chairman:

Alderman MRS. M. LARGE, M.A., B.COMM.

Vice-Chairman:

Alderman P. NEWTON

Aldermen:

A.E. BELLAMY
H.H. BROWNLOW
H.P. KELWAY, F.C.A. (ex-officio)
J.H. LEWIS, D.L. (ex-officio)
J.Q.M. LONGSTAFFE
Brig. F. McCALLUM, C.I.E., O.B.E., M.C., D.L.
H.F. STEWARD

Councillors:

W. BEVAN
MRS. G.M. BOYFIELD
G.G. CROWSON
MRS. E. DAVIES
N.S. DAY, M.A.
MISS B.M. DIBB, M.A.
I.G. GORDON
W.R. HARRISON, M.B.E.
H.C. JOHNSON
C.J. POPE
MRS. K.D. PORTER
E.A. ROBERTSON
R.G. SIMPSON
G.C. SWANSON
MRS. M. TOULSON
L.W.H. WARNER
W.R. WYRILL
R.W. YATES
One vacancy

NOMINATED MEMBERS

MR. G.W. HOUGHTON	To represent the N.U.T.
MISS D.E. MOULDING	" " " "
MR. M. CLARK	To represent the Church of England
REV. P.H. FOSTER	To represent the Free Churches
Vacancy	To represent the Roman Catholic Church
MR. S.R. DAWES, M.A., B.Sc.	To represent the A.T.C.D.E.
MR. F.L. SPURR	To represent the A.T.T.I.
MR. R.P. FOSTER	To represent the Joint Four Secondary Association
MR. F.T. RYAN	To represent the National Association of Schoolmasters
MR. B.B. ROWAN	To represent the N.F.H.T. Association

PUBLIC HEALTH OFFICERS OF THE COUNTY COUNCIL

County Medical Officer of Health and Principal School Medical Officer:

E.W.G. BIRCH, D.F.M., M.B., B.S., M.R.C.S., L.R.C.P., M.F.C.M., D.P.H.

Official Address: Public Health Department, County Offices, Sleaford
Telephone: Sleaford 3241

Deputy County Medical Officer of Health and Deputy Principal School Medical Officer:

E. ANNE WHITELEY, M.B., Ch.B., M.F.C.M.

Assistant County Medical Officers, District Medical Officers of Health and School Medical Officers: (part-time)

C.W. SHEARER, M.B., Ch.B., M.F.C.M., D.P.H.
H. ELLIS SMITH, M.B., Ch.B., B.A.O., M.F.C.M., D.P.H.
1 vacancy

Assistant County Medical Officer and School Medical Officer:

PATRICIA A. MORRIS, M.B., Ch.B.

17 medical practitioners (part-time) sessional basis.

Consultant Chest Physicians:

G.B. ROYCE, B.Sc., M.B., Ch.B.
J.B. WILKINSON, B.M., B.Ch.
(joint appointments with R.H.B.'s)

Consultant Staff:

The part-time services of the following consultants have been made available during the year to this Authority by arrangements with the East Anglian and Sheffield Regional Hospital Boards:-

Orthopaedic Surgeons:

I. McKECHNIE, F.R.C.S. (Ed.), L.R.C.P., L.R.C.S. (Ed.), L.R.F.P.S.
D.F. THOMAS, M.B., B.Ch., B.A.O., F.R.C.S., Ph.D., B.D.

Ophthalmic Surgeons:

G.M. BARLING, M.B., Ch.B., D.O.M.S.
A.H. BRIGGS, M.Sc., M.B., Ch.B., D.O.M.S.
B.A. CHAUDHARY, M.B., B.S., D.T.M. & H.D.O.
S.P. REDMOND, M.B., B.Ch., B.A.O., D.O.M.S.

Ear, Nose and Throat Surgeons:

A.A. FINLAYSON, M.B., Ch.B., F.R.C.S.
H.E. PORTE, F.R.C.S. (Ed.), D.L.O.

Dermatologists:

R.B. FOUNTAIN, M.B., B.S., M.R.C.P.

Chief Dental Officer and Principal School Dental Officer:

J.E. MANN, L.D.S., R.C.S.

Area Dental Officers:

MISS P. DICKENS, B.D.S.
W. GARETH THOMAS, L.D.S., R.C.S.
1 vacancy

Anaesthetists (part-time):

N.H. BLOOM, M.R.C.S., L.R.C.P., F.F.A.R.C.S., D.A.
A. CAMPBELL HOLMS, M.B., Ch.B., F.F.A.R.C.S., D.A.

Consultant Children's Psychiatrist:

A.N. VARMA, B.Sc., M.B.B.S., D.P.M. (Eng.), D.P.M. (Edin.), M.R.C. (Psych.)

Dental Surgery Assistants:
MRS. G. FERNEE (appointed 22.10.73) (part-time)
MRS. C.B. LANG (part-time)
MRS. M. SHRIGLEY (part-time)
MRS. W.M. SPRINGFIELD (part-time)
MRS. D.J. THOMPSON (part-time) (Resigned 5.10.73)
MISS A.M. TURNER
MISS C.M. WILLOWS

Public Analyst (part-time):

E.R.W. FOGDEN, B.Sc., F.R.I.C.

Director of Nursing Services:

Non-Medical Supervisor of Midwives:

MISS L. DICK, S.R.N., S.C.M., H.V.Cert.

Area Nursing Officers:

MISS S.M. CRAWSHAW, S.R.N., S.C.M. H.V. Cert.
MISS H. ELLIS, S.R.N., S.C.M. (appointed 1.10.73)

County Health Visitors/School Nurses:

MRS. M.J. BARDEN, S.R.N., S.C.M., H.V.Cert. (part-time)
MRS. D.E.BLACKETT, S.R.N., S.C.M., H.V.Cert.
MRS. A.R. CROFT, S.R.N., S.C.M., H.V.Cert. (appointed 1.10.73)
MISS M.A. DANIELS, S.R.N., S.C.M., SRFN.,H.V.Cert.
MISS J.E. DAWSON, S.R.N., S.C.M., H.V.Cert.
MRS. M.A. DAWSON, S.R.N., S.C.M., H.V.Cert.

MISS M.A. HETHERINGTON, S.R.N., S.C.M., H.V.Cert.
MRS. H. HEUGHAN, S.R.N., S.C.M., H.V.Cert.
MISS A.M. RANKS, S.R.N., S.C.M., H.V.Cert.
MRS. P. SUMNER, S.R.N., S.C.M., H.V.Cert.
MRS. M.M. TUCKER, S.R.N., S.C.M.(pt.1), H.V.Cert.

School Nurses:

MRS. B.M. BEALE, S.R.N. (part-time)
MISS D.A. BENNETT, S.R.N. (Resigned 31.8.73)
MRS. J. DAWE, S.R.N.
MISS E.W. HENFREY, S.R.N.
MRS. M.F. LEIGH, S.R.N. (appointed 20.8.73)
MRS. C.A. LINGARD, S.R.N. (part-time) (resigned 24.8.73)
MRS. P.J. STEVENSON, S.R.N.
MRS. J.M. WHERRY, S.R.N. (appointed 1.9.73) (part-time)
MRS. J.A. WILKINS, S.R.N. (part-time)

District Nurses/Midwives:

MRS. E.M. ALDRIDGE, S.R.N., S.C.M.
MISS J.N. BAKER, S.R.N., S.C.M., Q.N.
MRS. D.E. BARRON, S.R.N., S.C.M.
MRS. D.I.M. BEHAN, S.R.N.
MRS. P.L. BIRD, S.R.N., S.C.M.
MRS. R.B. BROWN, S.R.N., S.C.M.
MRS. D.M. BUSBY, S.R.N., S.C.M.
MRS. M. CHAPMAN, S.R.N., S.C.M., Q.N.
MRS. V. CHARLTON, S.C.M.
MRS. M.J. CLARK, S.R.N., S.C.M.
MISS K. CLAYTON, S.R.N., S.C.M.
MRS. E. COATES, S.R.N., S.C.M.
MRS. D.A. COE, S.R.N., S.C.M., Q.N.
MISS D.A. DAWSON, S.R.N., S.C.M., Q.N.
MRS. K.A. DENNIS, R.M.N.
MRS. E. DICKINSON, S.C.M.
MRS. M.M. DUNNINGTON, S.R.N., SCM (pt.1)
MRS. M.E. FINN, S.R.N.
MRS. A. FREEMAN, S.C.M., S.E.A.N.
MRS. J. FRITH, S.R.N., S.C.M.
MRS. S.H. GOOCH, S.R.N., S.C.M.
MRS. R.E. GUNNIGLE, S.R.N., S.C.M.
MISS M.M. HILL, S.R.N., S.C.M., Q.N.
MRS. S.M. HILLS, S.R.N., S.C.M., Q.N.
MRS. A.G. HOSSACK, S.R.N., S.C.M.
MRS. G.A. HOW, S.R.N., S.C.M.
MISS E.M. HOWARD, S.R.N., S.C.M., Q.N.
MRS. A.C. HUDSON, S.R.N., S.C.M.
MISS D. ISAAC, S.R.N., S.C.M.
MRS. D. LAIDLER, S.R.N., S.C.M. (appointed 15.1.73)
MISS S.M. LAMBERT, S.C.M.
MRS. M.K. LOVE, S.R.N., S.C.M.
MRS. M.E. LUDLOW, S.R.N., S.C.M.
MRS. A. MAGNAY, S.R.N., S.C.M.
MRS. D.M. MEDD, S.R.N., S.C.M.
MISS G.M. MOORE, S.R.N., S.C.M., Q.N.
MISS K.M. MORRIS, S.R.N., S.C.M., Q.N.
MISS R.E. MORRISON, S.R.N., S.C.M.
MISS S. NELMES, S.R.N., S.C.M., H.V.Cert.

MRS. K.P. NEVETT, S.R.N.
MRS. H. OWEN, S.R.N., S.C.M.
MRS. A.M. PLACE, S.C.M., S.E.N.
MRS. S.M. PULLAR, S.R.N., S.C.M.
MRS. V.G.D. ROBERTS, S.R.N., S.C.M.
MRS. C.E.B. RUTHEN, S.R.N., S.C.M.
MRS. N.L. SINCLAIR, S.C.M.
MRS. B. SMITH, S.R.N.
MISS S.O. SOUTHWELL, S.R.N., S.C.M. (Appointed 19.6.73)
MISS I. STUBLEY, S.C.M., S.E.A.N.
MRS. M.F. TALKES, S.R.N., S.C.M.
MR. C.E. TEARLE, S.R.N., Q.N.
MRS. M. TEARLE, S.R.N., S.C.M., Q.N.
MRS. R. THACKER, S.R.N., S.C.M., Q.N.
MRS. I.M. THOMPSON, S.R.N., S.C.M. (resigned 28.2.73)
MRS. M.C. WRIGHT, S.R.N., S.C.M.

Physiotherapists:

MRS. S.E. HURST, M.C.S.P. (part-time)
MRS. E.K. KENDALL, M.C.S.P. (resigned 14.10.73)
MRS. R. QUANTRILL, M.C.S.P. (part-time)

Speech Therapists:

MRS. G.W. EMERY, L.C.S.T. (part-time)
MISS D.M. GLOVER, L.C.S.T. (part-time w.e.f. 1.11.73)
MRS. M.L. LONG, L.C.S.T. (part-time)
MRS. L. McINROY, L.C.S.T. (part-time) (Appointed 29.11.73)

Chiropodist:

MRS. M.J. WESTCOMBE, S.R.Ch. (part-time)

Chiropody Assistant:

MRS. B.P. WEIGHILL (part-time)

Social Worker, Child Guidance:

MRS. M.V. COUPLAND, Certificate in Social Studies (part-time)

County Health Inspector:

J.F. LOFTHOUSE, M.A.P.H.I., Certificated Inspector of Meats and Foods, Certificated Public Health Engineer

Technical Assistant:

E.J. SMITH

ADMINISTRATIVE AND CLERICAL STAFF AT COUNTY OFFICES:

Chief Clerk:

A. COLLEY

Assistant Chief Clerk:

G.H. DOBBS

School Health Service:

Senior Clerk: H.T. BARNES
Clerks: MISS J.F. SCARBROUGH
MISS C.D. DENMAN
MISS E.M. GILMOUR

Shorthand Typist: MISS A.M. WELLS

Accounts Section:

Senior Clerk: L. BLACKBOURN
Filing and General Clerk: MRS. J. WISE

Maternity & Child Welfare and Infectious Diseases Section:

Senior Clerk: D.J. MORTER, D.M.A.

Clerks: G.E. BAILY
MISS E.E. ELLIS

Health Visiting, Home Nursing & Midwifery Section:

Senior Clerk: H.E. ELMORE

Clerk: MISS D.E. SYLVESTER

Welfare Foods and Chiropody Clerk:

E.S. CHANDLER

Secretary to County Medical Officer of Health:

MRS. P. GROCOCK

Shorthand Typists:

MISS M.A. DUFFY
MRS. M. PRIESTLEY

CLERICAL STAFF IN CLINICS AND HEALTH CENTRE:

Beaconfield Clinic, Grantham:

Receptionist/Clerk: MRS. M.I. MUSSON
Shorthand Typist/Clerk: MISS H.M. FISHER

40 Westgate, Grantham:

Clerk: MISS V.M.H. ISAAC
Welfare Foods Clerk: MRS. E. LAWSON (part-time)

Harrowby Lane Clinic, Grantham:

Welfare Foods Clerk: MRS. H.R. KERR (part-time)

Riversdale Clinic, Sleaford:

Welfare Foods Clerk/Receptionist:	MRS. R. BAILY
" " " :	MRS. M.R. PANTING (part-time relief)
Clerk, Family Planning:	MRS. G.M. ENSTONE (part-time)
" " "	MRS. M. PRIESTLEY

Barnhill Clinic, Stamford:

Welfare Foods Clerk/Receptionist:	MRS. D.E. WILLIAMS
" " " :	MRS. D.V. SARGEANT (part-time relief)

Bourne Health Centre:

Welfare Foods Clerk:	MRS. M.E. FLECKNOR (part-time)

Caretaking and Cleaning Staff:

Caretaker, Beaconfield Clinic, Grantham:	J.W. ANDREW
Caretaker, Riversdale Clinic, Sleaford:	G.A. SUITER
Caretaker, Barnhill Clinic, Stamford:	R.A. CULPIN
Caretaker, Bourne Health Centre:	J.R. LOVELL
Relief Caretaker, Bourne Health Centre:	C.G. CURTIS
Cleaner, 40 Westgate, Grantham:	MRS. V. WARD (part-time)
Cleaner, Metheringham Clinic:	MRS. E. CHAMBERLAIN (part-time)
Gardener, part-time Metheringham Clinic:	Vacancy
Cleaner, Nurse's House, North Hykeham:	MRS. M. BRITTAN (part-time)

County Ambulance and Transport Officer:

H. SANDS, F.I.A.O., F.I.C.A.P.

Deputy County Ambulance Officer:

E. LATHAM

Senior Clerk:

C.H. SCHRIMSHAW

Clerk:

G.W. SMITH

Shorthand typist:

MRS. E. BURTON

Senior Controller:

A. HULL

Control Assistants:

E. BURDETT
J.W. DOLBY
R.A.E. FAIRWEATHER
R.E. GASH
S. JOHNSON
F.P. MAYS

SLEAFORD STATION

Station Officer:
K. DAYNES

Sub Officer:
J.R. GILL

Ambulance Personnel:

R.J. BAILEY
D. BELL
J.A. BRADFORD
J. CLEGG
F. CORBY
R.A. DICKINSON
C. INGAMELLS
T.G. ONYON
D.L.R. SHARPE
V. SKERRITT
J.A. SKIPPER
B.G. SMITH
R.K. SUTTON
C.W. WILCOX

GRANTHAM STATION

Station Officer:
W.S. HOLDHAM

Ambulance Personnel:

A. ASHER
T.I. BARKER
A.G. BROWN
B.L. EALES
G. FEATHERSTONE
J. HOWE
D.J. KERR
G.W. LEE
R.T. PACKMAN
J.R.WARD
T.M. WILLIAMSON

STAMFORD STATION

Station Officer:
J.C. MIDDLETON

Ambulance Personnel:

J.W. BINDER
F.E. BRYAN
J.B. DOLBY
B.S. FOYLE
J.R. MOMENT
R.B. PEASGOOD
D.J. SWANN
R.E. THOMPSON
G.E. WISSEN

WADDINGTON STATION

Station Officer:
A. BURNETT

Ambulance Personnel:

G.C. ANTCLIFFE
G.C. BROWN
M. CLARK
D. CRAVEN
D.E. GOLDSON
C. GREENWOOD
W. HARRIS
G.H. HOLMES
W. MUMBY
F.R. NOAKES
F.H. PINCHBECK

BOURNE STATION

Sub Officer:
E. PICK

Ambulance Personnel:

H.H. JOYCE
R. PATTINSON
C.P. ROFFE
E.W. WARD
C.J. WHEAT

Cleaner, Ambulance Section: MRS. E.A. WALKER

DISTRICT MEDICAL OFFICERS OF HEALTH AND PUBLIC HEALTH INSPECTORS

District	Medical Officer of Health (all part-time appointments)	Chief Public Health Inspector
Borough of Grantham	C.W. Shearer, M.B., Ch.B., M.F.C.M., D.P.H.	C. Taylor, M.A.P.H.I.
Borough of Stamford	H. Ellis Smith, M.B., B.Ch., B.A.O., M.F.C.M., D.P.H.	G. Fox, M.A.P.H.I.
Urban District of Sleaford	J. Scholey, M.B., Ch.B. (acting)	T.E. Dagwell, M.R.S.H. M.A.P.H.I.
Urban District of Bourne	H. Ellis Smith, M.B., B.Ch., B.A.O., M.F.C.M., D.P.H.	M. Silverwood, M.R.S.H.
Rural District of N. Kesteven	J.F. Adam, M.B., B.S., D.R.C.O.G. (acting)	J. Freeman, M.I.Mun.E., M.R.S.H., M.A.P.H.I.
Rural District of E. Kesteven	J. Scholey, M.B., Ch.B. (acting)	J.A. Saville, M.A.P.H.I., M.R.I.P.H.
Rural District of S. Kesteven	H. Ellis Smith, M.B., B.Ch., B.A.O., M.F.C.M., D.P.H.	W.A. Chivers, M.R.S.H., M.A.P.H.I. (resigned 31.10.73) J. Bower, M.A.P.H.I. (appointed 1.11.73)
Rural District of W. Kesteven	C.W. Shearer, M.B., Ch.B., M.F.C.M., D.P.H.	M.F. Johnson, M.A.P.H.I. C.R.S.H.

COUNTY OF LINCOLN - PARTS OF KESTEVEN

COUNTY MEDICAL OFFICERS OF HEALTH

Arthur Hamilton Lowe
1910 - 1936

James Hay Chalmers Clarke
1936 - 1961

Thomas Joseph O'Sullivan
1961 - 1966

Eugene William Gordon Birch
1966 - 1974

PART I - STATISTICS AND SOCIAL CONDITIONS

GENERAL STATISTICS

Area of Administrative County (in acres)	461,082
Population-Registrar General's Estimate (mid-year 1973)	162,750
Rateable value (1st April 1973)	£14,476,461
Estimated product of a penny rate 1973-74	£143,029

VITAL STATISTICS

The figures given in brackets are comparative figures for 1972.

Live Births

Males	Females	Total
1,262	1,249	2,511 (2,662)

This gives a birth rate of 15.50 per 1,000 population as against 16.50 for 1972.

Still Births

Males	Females	Total
7	11	18 (33)

The resulting stillbirth rate of 7.50 per 1,000 total births compares with the figure of 12.0 for 1972.

Infant Deaths (Deaths under one year of age)

Males	Females	Total
23	12	35

The provisional infant death rate per 1,000 total live births of 13.90 compares with the figure of 15.00 for 1972.

Maternal Deaths (including abortion)

There was one maternal death in the County which gave a rate of 0.39 per 1,000 live and stillbirths.

PART II - EPIDEMIOLOGY

Notifiable Diseases

The diseases now to be notified to the Medical Officers of Health of District, Borough and County Borough Councils are:-

Acute encephalitis
Acute meningitis
Acute poliomyelitis
Amoebic dysentery
Anthrax
Bacillary dysentery
Ophthalmia neonatorum
Paratyphoid fever
Scarlet fever
Tetanus
Tuberculosis
Typhoid fever

Diphtheria	Whooping Cough
Food poisoning	Yellow fever
Infective jaundice	Cholera
Leprosy	Plague
Leptospirosis	Relapsing fever
Malaria	Smallpox
Measles	Typhus

Notification of the diseases given below is no longer required:-

Acute influenzal pneumonia	Erysipelas
Acute primary pneumonia	Membraneous croup
Acute rheumatism	Puerperal pyrexia.

The responsibility for notifying a case or suspected cases of ood poisoning or infectious disease now rests exclusively on the medical practitioner attending the patient unless he believes that another practitioner has already notified the case.

Eight hundred and twenty-seven cases of infectious and other notifiable diseases (excluding tuberculosis) were notified to the District Medical Officers of Health during 1973.

Particulars of these cases and their distribution appear in Table I on page18 of this report.

TABLE I - DISTRIBUTION OF NOTIFIED CASES OF INFECTIOUS AND OTHER NOTIFIABLE DISEASES IN RURAL AND URBAN DISTRICTS 1973 (including Non-Civilians)

Sanitary District	Total No. Notified	Scarlet Fever	Measles	Whooping Cough	Acute Meningitis	Dysentery	Leptospirosis	Acute Encephalitis Infective	Acute Encephalitis Post Infectious	Malaria	Food Poisoning	Ophthalmia Neonatorum	Infective Jaundice
Bourne U.D.	55 (12)	1	53	-	-	1	-	-	-	-	-	-	-
Grantham M.B.	118 (55)	-	105	2	3	1	-	-	1	1	-	1	4
Sleaford U.D.	43 (59)	2	40	-	1	-	-	-	-	-	-	-	-
Stamford M.B.	132 (22)	4	125	-	-	1	-	-	-	-	2	-	-
Aggregate of U.Districts	348 (148)	7	323	2	4	3	-	-	1	1	2	1	4
E.Kesteven R.D.	108 (57)	17	83	3	1	1	1	-	1	-	-	-	1
N.Kesteven R.D.	69 (70)	5	60	-	-	2	-	-	-	-	1	-	1
S.Kesteven R.D.	198 (28)	-	196	-	-	2	-	-	-	-	-	-	-
W.Kesteven R.D.	104 (31)	-	97	1	2	-	-	-	-	-	1	-	3
Aggregate of R.Districts	479 (186)	22	436	4	3	5	1	-	1	-	2	-	5
Totals for Whole County	827 (334)	29	759	6	7	8	1	-	2	1	4	1	9

Note. Figures in brackets relate to 1972

TUBERCULOSIS

The total number of cases on the register at the 1st January 1973 was 346. During the year eleven new cases and five cases who transferred from other areas were added to the register but five patients died, two were transferred from the area and one patient recovered. This left a total of 354 cases on the register at the 31st December 1973. This total may be further reduced when the annual register check with the local Chest Clinic is completed.

There were two deaths from tuberculosis in the County giving a mortality rate of 0.01 per thousand of the total population which was the same as in 1972.

VENEREAL DISEASES

There was an increase in the number of patients diagnosed as suffering from venereal disease attending at the special treatment centres at hospitals in the area.

The following table compiled from returns submitted by the physicians in charge of the special treatment centres in this area shows the number of Kesteven patients who attended for the first time during 1973:-

	Syphilis	Gonorrhoea	Other Conditions	Other Genital Infections	Total No. of Attenders
Nottingham	-	1	8	16	25
Grantham	1	14	28	33	76
Lincoln	-	24	41	41	106
Peterborough	1	22	15	62	100
Boston	-	-	-	-	-
TOTAL	2	61	92	152	307 (254)

The numbers of persons seen at the clinics serving the area in each of the last ten years were as follows:-

1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
109	126	100	145	122	176	240	260	254	307

PART III - VACCINATION AND IMMUNISATION

Smallpox Vaccination

The Council's scheme for vaccination against smallpox continued during 1973. It is not now considered necessary to recommend vaccination against smallpox as a routine procedure in early childhood, but travellers to and from areas of the world where smallpox is endemic and countries where eradication programmes are in progress should be protected by recent vaccination.

During the year 408 children under the age of 16 were vaccinated against smallpox and 525 were re-vaccinated. The comparable figures for 1972 were 160 and 106 respectively. This large increase was due to the fact that many European countries required travellers from the United Kingdom to produce a valid international certificate of vaccination against smallpox following the death from smallpox of a woman in the London area.

Diphtheria, Whooping Cough and Tetanus Immunisation

The scheme for diphtheria immunisation continued as outlined in the Annual Report for 1961 when the use of combined antigens was introduced. The following table gives details of Diphtheria, Whooping Cough and Tetanus immunisation given to children during 1973:-

	Primary Course Children born in years							Reinforcing Injections
	1973	1972	1971	1970	1966-1969	Others under age 16	TOTAL	
Diphtheria	-	-	-	-	-	-	-	9
Diphtheria/ Whooping Cough	-	-	-	-	-	-	-	-
Diphtheria/ Tetanus	-	2	4	3	10	5	24	3177
Diphtheria/ Whooping Cough/ Tetanus	137	1509	605	54	33	2	2340	122
Diphtheria/ Whooping Cough/ Tetanus/Polio	-	-	-	-	-	-	-	-
Whooping Cough	-	-	-	-	-	-	-	-
Tetanus	-	-	2	-	3	50	55	349
TOTAL	137	1511	611	57	46	57	2419 (2415)	3657 (3442)

Poliomyelitis Vaccination

There were no changes in the scheme for poliomyelitis vaccination during 1973. The following table shows the number of children under 16 years of age who received protection against poliomyelitis in 1973:-

	Children born in years						
Poliomyelitis Vaccination	1973	1972	1971	1970	1966-1969	Others under Age 16	Total
Primary Course	108	1491	615	57	47	13	2331 (2378)
Re-inforcing Doses	-	6	39	11	1430	789	2775 (2510)

Vaccination against Anthrax

Vaccination against Anthrax is now carried out as required at two establishments in the County where the employees are considered to run a risk of contracting the disease from materials handled.

Vaccination against Measles

There were no changes in the scheme for measles vaccination during 1973.

The following table shows the number of children who were vaccinated against measles during the year:-

Children born in years						
1973	1972	1971	1970	1966-1969	Others under Age 16	Total
5	607	557	101	112	9	1391 (1493)

Vaccination against Rubella (German Measles)

The scheme for the vaccination against rubella of girls aged 11-14 years was continued. The high rate of vaccination was maintained by offering vaccination to girls in their second year at secondary school and by the end of the year 846 girls had been protected.

B.C.G. Vaccination

The vaccination against tuberculosis of children aged 13 years and over and students was continued.

A total of 1,743 children and students was skin tested during 1973.

	Positive	Negative	Vaccinated
Schoolchildren and Students	126	1506	1487

In addition, the vaccination with B.C.G. vaccine of children who were close contacts of known cases of tuberculosis and negative to the tuberculin skin test was undertaken by the chest physicians as part of the clinical service to the patients and contacts.

During 1973 48 children were skin tested by the chest physicians and of these 43 gave a negative reaction.

A total of 78 children was vaccinated and of this total there were 41 infants who received vaccination without first being skin tested.

PART IV - CARE OF MOTHERS AND YOUNG CHILDREN

Infant Welfare Centres

The total number of centres maintained by the County Council at the end of 1973 was 58. Most of the centres are run with the help of voluntary committees, and I would again like to thank on behalf of the County Council all members of the voluntary committees and their helpers for the valuable service they render to the mothers and young children of the County.

Total attendances:-

Children born in 1973	16,212	
Children born in 1972	17,202	
Children born 1968 to 1971	8,519	
	41,933	(46,575)

Number of individual children who attended:-

Born in 1973	2,012	
Born in 1972	2,043	
Born 1968 to 1971	1,758	
	5,813	(6,106)

Number of consultations with medical staff: 7,746 (8,405)

Comparative figures for the last five years are given below:-

Year	Individual Children who attended I.W.C.s	Total Attendances	Consultations with M.O.
1969	5,797	45,311	8,490
1970	5,892	47,991	7,578
1971	5,845	48,672	8,654
1972	6,106	46,575	8,405
1973	5,813	41,933	7,746

In addition there are five unofficial centres, two in villages and three at Royal Air Force stations. These centres are organised on an informal basis by district nurses and other interested persons and 1047 attendances were recorded during 1973.

Ante and Post Natal Clinics

Ante and post-natal clinics are held at the general practitioners' surgeries with the district midwife in attendance. Where it is difficult for expectant mothers to attend surgeries the district midwife is usually able to help by providing transport. In the more isolated areas the ante-natal examination may take place at home, the doctor being accompanied by the district midwife. Post-natal clinics are also held at doctors' surgeries with the district midwife in attendance.

Expectant mothers in the North Hykeham area who desire a home confinement may book the services of a midwife at the Church Hall, Moor Lane, North Hykeham on any Monday from 2 to 3 p.m.

Hospital Provision for Mothers and Children

Reports on the circumstances of 399 expectant mothers referred for maternity beds on social grounds were submitted to the hospital authorities.

Premature Infants

During the year there were 136 live births assignable to this County of infants notified as weighing 5½lbs. or less at birth. Of this total 134 were born in hospital and two were born at home or in a nursing home. Eleven premature babies died during the first few days of life.

There were seven premature stillbirths during the year, all of which occurred in hospitals.

Family Planning

The County Council continued to grant free use of the accommodation at the county clinics in Grantham and Stamford to the Family Planning Association, where clinics are held as follows:-

Beaconfield Clinic, Sandon Road, Grantham -
3 sessions per month

Barn Hill Clinic, Stamford -
6-8 sessions per month

The County Council opened a Family Planning Clinic at Riversdale House, Westgate, Sleaford, in June 1971. This clinic is held on the second and fourth Wednesday each month.

The County Council make per capita payments to the Family Planning Association in respect of Kesteven residents who attend at the Grantham, Stamford, Lincoln, Boston, Horncastle and Peterborough clinics run by the Family Planning Association.

CONSULTANT SERVICES

Some pre-school children were seen at the ophthalmic, orthopaedic and ear, nose and throat clinics held at the authority's premises at Grantham, Stamford, Sleaford and Bourne. Some pre-school children in the northern part of the County requiring ophthalmic treatment attended the special clinic for children at Lincoln County Hospital.

Ophthalmic

Clinic	Errors of Refraction		Other Eye Defects		Glasses Prescribed	
	New Cases	Re-Inspections	New Cases	Re-Inspections	New Cases	Re-Inspections
Grantham	50	169	11	27	16	32
Stamford	-	-	-	-	-	-
Sleaford	31	99	5	20	4	7
Bourne	3	3	3	3	-	-
Lincoln	24	47	1	4	7	5
Totals	108	318	20	54	27	44

Orthopaedic

The Council's physiotherapists gave treatment to 75 pre-school children, who made 650 attendances.

Speech Therapy

The Council's speech therapists gave treatment to 29 pre-school children, who made a total of 572 attendances.

Phenylketonuria

Babies born in the County were tested for phenylketonuria by the Guthrie Blood Test method and/or Phenistix Urine Test method. No positive reactions were reported.

Congenital Abnormalities

The scheme for reporting congenital defects observed at birth operated satisfactorily. The birth notification cards provide for the requisite information to be inserted by midwives or doctors when notifying births.

Details relating to 44 babies were sent to the Registrar General. The total number of defects reported was 54, nine of the babies having more than one defect. The broad classification of the reported defects was as follows:-

Central Nervous System	11
Eye and Ear	1
Alimentary System	7
Heart and great vessels	4
Uro-genital system	5
Limbs	20
Other parts of Musculo-Skeletal system	3
Other systems	1
Other malformations	2
	54

Provision of Maternity Outfits

Maternity outfits are purchased centrally and supplied to all the Council's domiciliary midwives for free distribution as required.

Mothercraft and Relaxtion Classes

Weekly mothercraft and relaxation classes were held in seven of the main centres of population. Details of attendances at these classes compared with those for the previous year (given in brackets) are as follows:-

	Mothers attending	Attendances
Bourne	45 (53)	388 (411)
Grantham	75 (119)	298 (420)
Lincoln, Brant Road	54 (37)	361 (432)
Market Deeping	23 (29)	196 (306)
North Hykeham	43 (22)	329 (161)
Sleaford	81 (65)	520 (449)
Stamford	83 (89)	610 (637)
	406 (414)	2702 (2816)

Welfare Foods Service

The total number of distributing centres remains at 63 and the following table shows the quantities of Welfare Foods issued by these centres during the year:-

	National Dried Milk (Cartons)	Vitamin Tablets A. D and C (Packets)	Vitamin Drops (Bottles)
1972	2,899	1,462	5,847
1973	3,849	1,305	6,076

The Department of Health and Social Security's two leaflets "Your right to free Welfare Milk and Vitamins" and "New Children's Vitamin Drops" are both freely available to the public at all distributing centres where posters drawing attention to these are prominently displayed.

PART V - NURSING SERVICE

HEALTH VISITING

The following statistics relate to the home visiting undertaken by the health visiting staff during 1973 with comparative figures for 1972 given in brackets. Ineffective visits have been excluded.

	First Visits		Total Visits	
Children born in 1973	2,586	(2,930)	9,048	(9,741)
Children born 1968 to 1972	5,940	(7,392)	14,782	(17,908)
Persons aged 5 to 16	123	(133)	285	(307)
Persons aged 17 to 24	430	(456)	1,444	(1477)
Persons aged 65 and over	752	(1,327)	7,250	(6839)
* Expectant Mothers	346	(385)	754	(468)
Tuberculosis households	64	(56)	135	(195)
Other cases	363	(406)	799	(975)
			34,497	(37,910)

* Excluding visits by District Nurse/Midwife/Health Visitors

Health Visitors were also in attendance at infant welfare centres and clinics, details of which appear in other sections of this report.

MIDWIFERY

The following are details of cases attended during the year 1973:-

Midwives	Domiciliary Cases	Cases in Institutions	Total
Employed by County Council	67	-	67
Employed by Hospital Management Committees	-	2,010	2,010
Totals	67	2,010	2,077

The total number of confinements attended by midwives in the County, 2,077, was lower than that for 1972 (2,224) and 1971 (2,428) and also lower than the average for the years 1969-73 (2,374). The proportion of hospital confinements, 96.8%, showed an increase of 2.6% on that for 1972. The figure for 1971 was 92.1% and for 1970, 84.3%.

Due to the large number of hospital confinements which took place during the year, there was again an increase in the number of cases discharged home before the end of the minimum lying-in period of ten days. The total number of early discharges during 1973 was 2,011, compared with 1,958 in 1972, 1770 in 1971, 1,653 in 1970 and 1,592 in 1969.

The total number of visits paid to all maternity cases during 1973 amounted to 11,097 plus 1,607 ante-natal visits - a total of 12,704, compared with 13,582 (10,845 plus 2,737 ante-natal visits) in 1972 and 14,482 (11,318 plus 3,164 ante-natal visits) in 1971. Miscarriages attended during the year 1973 numbered 29 compared with 34 in 1972 and 29 in 1971.

The number of cases in which medical aid was summoned by midwives under Section 14(1) of the Midwives Act 1951, totalled 15 - all domiciliary.

HOME NURSING

During the year 1973, 3,610 persons received 75,977 visits, compared with 3,656 persons and 70,156 visits in 1972 and 3,094 persons and 61,760 visits in 1971.

The number of persons aged 65 years and over who were attended during the year totalled 2,017 - 56% of all cases attended. Visits to the aged amounted to 53,300 - 70% of all visits paid by nurses.

An analysis of the work undertaken by the district nurses during the year 1973 (with comparative figures for the previous year given in brackets) is as follows:-

Place where first treated	No. of Persons		No. of Visits	
Patient's home	3,582	(3,590)	75,783	(69,753)
Health Centres	6	(-)	62	(-)
G.P.'s Premises	4	(17)	4	(24)
Residential Homes	11	(35)	53	(325)
M. & C.W. Centres	-	(2)	-	(12)
Elsewhere	7	(12)	75	(42)
	3,610	(3,656)	75,977	(70,156)

When Bourne Health Centre opened the opportunity was taken to attach nursing staff working from the Centre to general practitioners. Throughout the County the nursing staff work very closely with the general practitioners and I think it would be fair to say that, in many cases, there is attachment in effect, if not in name.

The arrangement continued with the Lincoln County Hospital by which our health visitors visit Kesteven mothers to give them information about the services available to them after they are discharged from hospital.

Marie Curie Memorial Foundation

Nine patients received assistance during the year 1973 through the Area Welfare Grant Scheme.

Nursing Homes

At the end of the year there were two nursing homes registered in the County. These homes provide 46 beds for general cases. The Director of Nursing Services made visits of inspection to these homes during the year.

PART VI - AMBULANCE SERVICE

STATISTICS FOR THE YEAR 1973

Station	Ambulances		Sitting-case Vehicles		Totals	
	Miles	Patients	Miles	Patients	Miles	Patients
Sleaford	205740	24801	26974	2724	232714	27525
Grantham	167417	19035	14086	1007	181503	20042
Bourne	90098	10832	-	-	90098	10832
Stamford K.C.C.	66679	9614	12377	858	79056	10472
Stamford Agency	33436	3697	3201	358	36637	4055
Waddington	100766	14792	-	-	100766	14792
Hospital Car Service	-	-	438504	38121	438504	38121
TOTALS	664136	82771	495142	43068	1159278	125839

Average miles per patient - 9.21

OTHER DIRECTLY PROVIDED TRANSPORT

	Miles	Patients
Social Services Vehicle	11276	10388
Education Vehicle	23773	2789
Physically Handicapped Bus	13253	8733
Blind Persons Bus	16002	7181
County Council Staff Vehicle	5294	Journeys: 111

PART VII - PREVENTION OF ILLNESS, CARE AND AFTER CARE

Health Education

Our medical, dental and nursing staff continued to meet the demand for talks on a variety of subjects. Films on childbirth, cervical cytology and family planning methods were shown to interested women's organisations.

The Family Doctor publication "You and Your Baby" was freely available to all mothers attending at clinics and infant welfare centres.

The County Council again made financial contributions to the Health Education Council and the Royal Society for the Prevention of Accidents.

There was a continued demand for talks, information and films on drugs, smoking and venereal diseases.

Chiropody

The number of clubs which offer a chiropody service to the O.A.P.'s, the physically handicapped and to expectant mothers in the County was increased to 77 by the formation of six new clubs. These were in the villages of Coleby, North Hykeham, Northorpe, Stamford, Carlton Scroop and South Witham.

The following figures give details of the numbers of clubs, persons treated and treatments given during the year with comparative figures for 1972 in brackets.

Number of Clubs 77

Number of Persons treated:

Women of 60+	1,543	
Men of 65+	458	
Expectant Mothers	2	
Physically handicapped	50	
	2,053	(1,793)

Number of Treatments given:

In Clinics	9,000	
In Patients' own homes	4,769	
	13,769	(12,182)

The chiropody service provided directly by the County Council continued at Beaconfield Clinic, Grantham. During 1973 a total number of 199 persons attended for treatment, these received a total number of 1,007 treatments.

In addition 2038 treatments were given by chiropodists employed by the Social Services Department to old people in residential homes.

It was interesting to note that the increase in the number of persons treated by the voluntary bodies is 13.7% and the number of treatments given increased by 12.4%.

Tuberculosis

The close co-operation which has been built up during the years with the chest clinics serving the County has again been maintained. Free milk was supplied on the recommendation of the chest physician to seven persons suffering from tuberculosis.

Tuberculosis patients being nursed at home received assistance from the County Council's Home Help Service. Home helps who may be required to undertake work with families where tuberculosis is known to be present in the household are x-rayed by arrangement with the chest physicians.

Tuberculosis Vaccines Clinical Trial

Local Health authorities have helped in this trial by making quarterly returns to the Tuberculosis Research Unit of the Medical Research Council of all cases of tuberculosis notified and cases discovered only after death, in persons born in the years 1935 to 1938 inclusive. The nil return that was supplied for the first quarter in 1973 was the last return required to complete the twenty-year follow-up, which has contributed much scientific information relevant to the general problem of tuberculosis control throughout the world. This trial has also confirmed the value of the scheme for B.C.G. Vaccination of children aged 10-13 years in this country, introduced in 1953.

Long Stay Immigrants

Forty-two long stay immigrants, including thirteen children gave addresses in this County on their arrival in the country during 1973 and members of the health visiting staff succeeded in contacting thirty-nine cases.

Cervical Cytology

Sessions for the taking of cervical smears are held weekly in the County Council's clinic at Grantham and fortnightly at the Sleaford and Stamford clinics. By arrangement with the Lincoln Health Department women resident in the northern part of Kesteven are seen at the Lincoln clinic. The total number of smears from women resident in Kesteven sent for examination from our own clinics and the Lincoln clinic was 1,878 compared with 2,067 in 1972.

Details of attendances at the cytology clinics during the year are as follows:-

Clinic	No. of Patients (1)	Total No. of smears (2)	No. of repeat smears taken included in (2) (3)	No. of Positives (4)
Beaconfield				
Grantham	460	460	409	Nil
Riversdale				
Sleaford	515	515	340	1
Barnhill				
Stamford	356	581	257	Nil
TOTALS	1331	1556	1006	1

In addition 322 smears were taken at the Lincoln clinic from women resident in the northern part of the County, with no positive readings

Care and After-Care of Patients

When requested by general practitioners, hospitals or other agencies the County Council continued to assist under their scheme patients being nursed at home or after discharge from hospital.

The close liaison between the Health Department's staff and the hospital staff continued during the year. The arrangements at local level for direct contact between hospital staffs and the district home help supervisors, health visitors and nurse/midwives continued to operate satisfactorily.

Nursing Equipment and Apparatus

There were no changes in the Council's arrangements as outlined in previous reports. Each district nurse has an ample stock of the smaller items of loan equipment, while the British Red Cross Society and the St. John Ambulance Brigade who administer the Medical Loan Depots on behalf of the County Council, have, with the aid of grants from the County Council, continued to maintain their own comprehensive stocks of articles.

Depot	No. of Issues Made.	No. of Individual Cases who benefitted
Bourne	58	58
Grantham	516	420
Stamford	378	282
Sleaford	400	242
TOTALS	1352	1002

PART VIII - ENVIRONMENTAL HEALTH SERVICES

Food Hygiene (General) Regulations 1970

One hundred and eighty eight pounds of food supplied to County Council establishments was condemned as unfit for human consumption.

Milk (Special Designation) Regulations 1963/65

The County Council are responsible for the administration of the above Regulations. At the end of the year, there was one pasteurising dairy in the County and a total of one hundred and forty-seven premises licensed for the sale of pre-packed milk. During the year, seventy-one visits were made to milk dealers premises and one hundred and twenty-five samples of milk were obtained for bacteriological examination. Particulars of the samples taken are given in the table below:-

District in which sample taken	No.	Pasteurised			Untreated			Sterilised		Ultra Heat Treated	
		Passed	Failed	Void	Passed	Failed	Void	Passed	Failed	Passed	Failed
Grantham M.B.	28	27	-	-	-	-	-	-	-	1	-
Stamford M.B.	10	7	-	-	1	-	-	1	-	1	-
Sleaford U.D.	8	8	-	-	-	-	-	-	-	-	-
Bourne U.D.	15	13	-	-	-	-	-	1	-	1	-
N. Kesteven R.D.	11	3	-	-	8	-	-	-	-	-	-
S. Kesteven R.D.	19	11	-	-	8	-	-	-	-	-	-
E. Kesteven R.D.	15	12	-	-	3	-	-	-	-	-	-
W. Kesteven R.D.	19	13	-	-	3	-	-	3	-	-	-
TOTALS	125	94	-	-	23	-	-	5	-	3	-

Biological Milk Sampling

The number of Producer/Retailers in the County licensed by the Ministry of Agriculture, Fisheries and Food for the retail sale of 'Untreated milk remained at thirteen; the same number as in the previous year. During the year, thirteen samples of 'Untreated' milk were submitted for biological and other examination and these were found to be satisfactory.

Antibiotics in Milk

Seven samples of 'Untreated' milk were submitted for examination for the detection of antibiotics, all of which were found to be satisfactory.

Milk in Schools Scheme

At the end of the year the number of schools receiving milk was 141. Eight samples of school milk submitted for examination were found to be satisfactory.

Rural Water Supplies and Sewerage Acts

The following schemes were submitted to the County Council for approval:-

Holdingham Sewerage Scheme
Easton Water Supply Scheme
Irnham, Hawthorpe and Bulby Sewerage Scheme
Mains water supply scheme Kates Bridge
Mains water supply Horbling Fen Farm
Greatford and District Sewerage Scheme

North Kesteven Rural District Council -
(Cliffe Sewerage Scheme - Carlton Scroop, Normanton, Hough-on-the-Hill and Gelston)

North Kesteven Rural District Council -
Thorpe Cross Roads.

Water Sampling

During the year twenty-six samples of water supplies serving County Council premises were taken. These were all found to be satisfactory.

Nitrates in Water Supplies

During the year twenty-five samples of water were examined to ascertain their nitrate content.

Fluoridation of Water Supplies

Two new fluoridation schemes came into operation during the year - Sleaford Drove Lane and South Scarle. This makes a total of five schemes now in operation which supply fluoridated water to a large area in the northern half of the County.

National Survey of Air Pollution

The County Council operate two air pollution stations in the County at Kirkby Underwood and Ruskington. These are operated in co-operation with the Department of Trade and Industry and contain instruments for measuring smoke and sulphur dioxide. The results obtained provide valuable information for use in both the National Survey of Air Pollution and the European Air Pollution Survey.

During the year fifty-four visits were made to the station at Kirkby Underwood and two hundred and seventy-five to the one at Ruskington.

School Swimming Pools

At the end of the year the number of school swimming baths in operation totalled twenty-five. There are also ten pools proposed for the near future

A total of two hundred and eleven samples of water were obtained during the year from these baths and upon examination, four were found to be unsatisfactory.

PART IX - SCHOOL HEALTH SERVICE

Statistics

The number of pupils on the school registers in January 1974 was 30,183 compared with 28,748 the previous year - an increase of 1,441.

Primary Schools:-

(a) Number in area on 31st December 1973 - Provided - 130 Primary, 2 Nursery	132
(b) Average number of children on registers during 1973	17,477
(c) Average attendance during 1973	16,399

Secondary Schools:-

(a) Number	23
(b) Average number of children on registers during 1973	11,230
(c) Average attendance during 1973	10,238

Medical Inspection

The arrangements provide for full medical inspections of children as soon as possible after they enter school, in their last year at primary school and in their last year of compulsory school life.

Children attending at nursery schools (of which there are two in the County) are examined during their attendance at the schools.

Children found at the routine medical inspections to have defects requiring treatment are referred to the family doctor, or after consultation with him, to the appropriate consultant.

Colour Vision

Arrangements to test the colour vision of boys in the 10-11 age group were commenced in the County in 1966 and during 1973 60 boys were found to have a defect of colour vision. The head teacher and family doctor as well as the parents are informed about any boy found to be suffering from such a defect so that it may be taken into account when considering his suitability for a future career.

Routine Medical Examination

The number of children seen at routine medical inspections was 7,625 (compared with 7,002 during 1972). An analysis of this figure by year of birth is as follows:-

1958 or earlier	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969 or later
1315	1131	143	250	986	1061	112	123	266	1278	954	6

In addition to the above other medical inspections were carried out:-

At school clinics:-

	Special Inspections	Re-Inspections	Total
(a) By School Medical Officers	1070	93	1164
(b) By Ophthalmic Surgeons	371	1718	2089
(c) By Orthopaedic Surgeons	249	113	362
(d) By Ear, Nose and Throat Surgeons ..	80	5	85
Totals ..	1876	3547	5423

Special Examinations

A child may be brought forward by the parents, headmaster, or school nurse at a routine medical inspection if it is thought he requires attention. This is called a "Special" examination; the parent is notified and invited to be present at the examination.

Re-examinations

Children who are found to have defects are re-examined at subsequent medical inspections. When the defect does not warrant referral to a specialist or require immediate attention, the child will be kept under observation; should it later be considered necessary to advise treatment the family doctor is consulted and the school nurse visits the home to inform the mother.

General Physical Condition

The general physical condition of the children was good. Only three of the 7,625 examined at periodic medical inspections were considered to be of unsatisfactory physical condition.

Personal Hygiene

The school nurses carry out regular head inspections at all primary schools but visit the secondary schools for head inspections at the request of the head teacher.

During the year a total number of 61,632 head inspections were carried out and 216 children were found to be infested.

Medical Treatment Statistics

Details of the numbers of children examined are shown in the table on page 40.

The following comparative table sets out the common defects found requiring treatment during the past five years:-

	1969	1970	1971	1972	1973
Defective vision	795	621	666	581	701
Nose and Throat	113	93	96	79	95
Squint	103	98	146	140	125
Orthopaedic	161	176	182	154	193

Ophthalmic Clinics

There were no alterations in the arrangements with the Regional Hospital Boards for the attendance of consultants at the clinics held at Bourne, Grantham, Sleaford, Stamford and Lincoln during the year.

I am grateful to Mr. A.H. Briggs, Consultant Ophthalmic Surgeon who has submitted the following statistics for children from Kesteven seen at the hospital school eye clinic during 1973 with the comparable figures for 1972 in brackets:-

New cases sent for	150 (169)
Attended	113 (121)
Failed	37 (48)
Old cases sent for	974 (918)
Attended	648 (643)
Failed	326 (275)
Discharged	109 (97)
Glasses prescribed	184 (183)
Individual lenses	10 (6)
Authorised repairs	134 (75)

Mr. Briggs comments:-

"As far as the Orthoptic Clinic is concerned 281 new patients were seen and 1600 attendances were made by old patients during the year.

Orthopaedic Clinics

The number of schoolchildren examined at County clinics by the orthopaedic surgeon for the first time during the year was 113 and a total of 249 consultations was held as follows:-

	No. examined for the first time during the year	Total No. of Examinations
Grantham	63	135
Sleaford	50	114
Totals	113	249

The Department's Physiotherapists have continued to attend the clinics at Grantham, Sleaford, Stamford and Bourne and have given treatment for a variety of conditions.

Schoolchildren made a total of 1614 attendances for the following treatments:-

Ultra-Violet Light	48
Remedial Exercises	1035
Massage	322
Faradism	47
Strappings	3

Ear, Nose and Throat Clinics

The Ear, Nose and Throat Clinics at the Beaconfield Clinic, Grantham and the Riversdale Clinic, Sleaford were attended by Dr. H.E. Porte. The speech therapist and the peripatetic teacher of hearing impaired children also attended these clinics. Details of attendances of schoolchildren were as follows:-

	First Attendances	Re-examinations
Beaconfield	65	4
Riversdale	16	1
Total	81	5

Further details relating to the treatment of diseases and defects of the ear, nose and throat are shown in Table B on page 42

Handicapped Pupils

A summary of the information sent to the Department of Education and Science showing the number of handicapped children ascertained as needing admission to special schools or boarding schools during 1973, the number admitted and awaiting admission and those on the registers of special schools and boarding homes is given on pages 46, 47, and 48.

Home tuition was arranged for eight children unable to attend school because of illness and eight children received tuition whilst in hospital.

During the summer holiday 42 handicapped children were seen under the Handicapped Pupils Regulations 1959.

INFECTIOUS AND CONTAGIOUS DISEASES

Nine hundred schoolchildren were notified by head teachers as suffering from infectious or contagious diseases. The main causes of absence from school were mumps, measles, rubella and chicken pox.

MEDICAL INSPECTION AND TREATMENT

Returns for the year ended 31st December 1973 - Part I

Medical Inspection of Pupils attending Maintained Primary and Secondary Schools (including Nursery and Special Schools)

TABLE A - PERIODIC MEDICAL INSPECTIONS

Age Groups Inspected (by year of birth)	No. of Pupils who received a full medical examination	Physical Conditions of pupils inspected		Pupils found to require treatment (excluding dental diseases and infestation with vermin)		
		Satisfactory	Unsatisfactory	For defective vision (excluding squint)	For any of the other conditions recorded in Part II	Total Individual Pupils
(1)	(2)	No. (3)	No. (4)	(5)	(6)	(7)
1969 and later	6	6	-	-	-	-
1968	954	954	-	44	131	147
1967	1278	1278	-	44	206	215
1966	266	266	-	14	41	48
1965	123	123	-	2	15	17
1964	112	112	-	10	13	22
1963	1061	1061	-	98	117	193
1962	986	986	-	100	109	178
1961	250	249	1	26	27	52
1960	143	143	-	24	14	32
1959	1131	1129	2	165	82	227
1958 and earlier	1315	1315	-	185	112	278
Total	7625	7622	3	712	867	1409

TABLE B - OTHER INSPECTIONS

Number of Special Inspections	1876
Number of Re-Inspections	3547
Total	5423

TABLE C -- INFESTATION WITH VERMIN

(a)	Total number of individual examinations of pupils in schools by school nurses or other authorised persons	61,632
(b)	Total number of individual pupils found to be infested	216
(c)	Number of individual pupils in respect of whom cleansing notices were issued (Section 54(2) Education Act 1944)	Nil
(d)	Number of individual pupils in respect of whom cleansing orders were issued (Section 54(3) Education Act 1944)	Nil

PART II

TABLE A - EYE DISEASES, DEFECTIVE VISION AND SQUINT

	No. of Cases known to have been dealt with
External and other, excluding errors of refraction and squint	82
Errors of refraction (including squint)..	2089
Total	2171
Number of pupils for whom spectacles were prescribed	815

TABLE B - DISEASES AND DEFECTS OF EAR, NOSE AND THROAT

	No. of cases known to have been dealt with
Received operative treatment:-	
(a) for diseases of the ear	71
(b) for adenoids and chronic tonsilitis	195
(c) for other nose and throat conditions	12
Received other forms of treatment (at School Clinics)	12
Total	290
Total Number of pupils in schools who are known to have been provided with hearing aids:-	
(a) in 1973	12
(b) in previous years	65
Total	77

TABLE C - ORTHOPAEDIC AND POSTURAL DEFECTS

	No. of cases known to have been treated
(a) Pupils treated at clinics or out-patients departments	281
(b) Pupils treated at school for postural defects	-
Total	281

TABLE D - DISEASES OF THE SKIN

(excluding uncleanliness for which see Table C of Part I)

	No. of cases known to have been treated
Ringworm-(a) Scalp	-
(b) Body	1
Scabies	8
Impetigo	10
Total	19

TABLE E - CHILD GUIDANCE TREATMENT

	No. of cases known to have been treated
Pupils treated at Child Guidance Clinics ..	212

TABLE F - SPEECH THERAPY

	No. of cases known to have been treated
Pupils treated by speech therapists ..	376

TABLE G - OTHER TREATMENT GIVEN

	No. of cases known to have been treated
(a) Pupils with minor ailments	1186
(b) Pupils who received convalescent treatment under School Health Service arrangements	-
(c) Pupils who received B.C.G. vaccination..	1487
(d) Other than (a), (b) and (c) above:-	
Medical	85
Surgical	123
Accidents	67
Total	2948

TABLE H

DENTAL INSPECTION AND TREATMENT CARRIED OUT BY THE AUTHORITY DURING THE YEAR ENDED 31st DECEMBER 1973

1. Inspections

(a) First inspection at school, No. of pupils	6,427
(b) First inspection at clinic, No. of pupils	2,344
No. of (a) plus (b) found to require treatment	4,073
No. of (a) plus (b) offered treatment	3,315
(c) Pupils re-inspected at school or clinic	530
No. of (c) found to require treatment	379

2. Visits and Treatment	Ages 5 to 9	Ages 10 to 14	Ages 15 and over	Total
First visit	1015	980	234	2229
Subsequent visits	781	1250	434	2473
Total visits	1796	2238	668	4702
Additional courses of treatment commenced	207	140	40	387
Total courses commenced	1222	1120	274	2616
Courses of treatment completed	-	-	-	1899
Fillings in permanent teeth	581	2063	761	3405
Fillings in deciduous teeth	842	198	-	1040
Permanent teeth filled	417	1634	604	2655
Deciduous teeth filled	726	174	-	900
Permanent teeth extracted	83	406	155	644
Deciduous teeth extracted	1331	461	-	1792
General anaesthetics	498	297	58	843
Emergencies	349	167	90	606

Number of Pupils X-rayed	143
Prophylaxis	461
Teeth otherwise conserved	58
No. of teeth root filled	2
Inlays	-
Crowns	1

3. Orthodontics

New cases commenced during year	10
Cases completed during year	12
Cases discontinued during year	-
No. of removable appliances fitted	25
No. of fixed appliances fitted	-
Pupils referred to Hospital Consultant	2

4. Dentures	5 to 9	10 to 14	15 and over	Total
Pupils supplied with F.U. or F.L. (first time)	-	-	-	-
Pupils supplied with other dentures (first time)	-	8	3	11
No. of Dentures supplied (first or subsequent time)	1	12	6	19

5. Anaesthetics	General Anaesthetics administered by Dental Officers	-
6. Sessions	Sessions devoted to treatment	954
	Sessions devoted to inspection at school	67
	Sessions devoted to Dental Health Education	-

TABLE I

INDEPENDENT SCHOOLS used by the Authority under Section 6 of the Education (Miscellaneous Provisions) Act, 1953, in respect of handicapped pupils.

Name and address of school (1)	Sex (2)	Number of pupils for whom the Authority is responsible												
		Blind (3)	PS (4)	Deaf (5)	Pt Hg (6)	PH (7)	Del (8)	Mal (9)	ESN (M) (10)	ESN (S) (11)	Epil (12)	Sp Def (13)	Aut (14)	TOTAL (15)
Peredur School, East Grinstead.	Boys	-	-	-	-	-	-	1	-	-	-	-	-	1
	Girls	-	-	-	-	-	-	-	-	-	-	-	-	-
Heanton School, Barnstaple	Boys	-	-	-	-	-	-	1	-	-	-	-	-	1
	Girls	-	-	-	-	-	-	-	-	-	-	-	-	-
Bylands School, Hants.	Boys	-	-	-	-	-	-	1	-	-	-	-	-	1
	Girls	-	-	-	-	-	-	-	-	-	-	-	-	-
Shotton Hall, Shrewsbury	Boys	-	-	-	-	-	-	1	-	-	-	-	-	1
	Girls	-	-	-	-	-	-	-	-	-	-	-	-	-
Wennington School, Wetherby	Boys	-	-	-	-	-	-	1	-	-	-	-	-	1
	Girls	-	-	-	-	-	-	-	-	-	-	-	-	-
King Edward School, Witley	Boys	-	-	-	-	-	-	-	-	-	-	-	1	1
	Girls	-	-	-	-	-	-	-	-	-	-	-	-	-
Dedisham School, Slinfold	Boys	-	-	-	-	-	-	1	-	-	-	-	-	1
	Girls	-	-	-	-	-	-	-	-	-	-	-	-	-
Pitt House School, Torquay	Boys	-	-	-	-	-	-	-	-	-	-	-	-	-
	Girls	-	-	-	-	-	-	-	-	-	-	-	-	-
Camphill (Rudolph Steiner) Aberdeen	Boys	-	-	-	-	-	-	-	-	1	-	-	-	1
	Girls	-	-	-	-	-	-	-	-	-	-	-	-	-
Drayton Manor House, Hants. (Rudolph Steiner)	Boys	-	-	-	-	-	-	-	-	1	-	-	-	1
	Girls	-	-	-	-	-	-	-	-	-	-	-	-	-
Bridge House Home Schoo.	Boys	-	-	-	-	-	-	-	-	1	-	-	-	1
	Girls	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTALS:-	Boys	-	-	-	-	-	-	7	-	1	-	-	-	9
	Girls	-	-	-	-	-	-	-	-	2	-	-	-	2

TABLE J

RETURN OF HANDICAPPED CHILDREN

PART I

New assessments and placements

During the calendar year ended 31 December 1973			Blind (1)	PS (2)	Deaf (3)	Pt Hg (4)	PH (5)	Del (6)	Mal (7)	ESN (M) (8)	ESN (S) (9)	Epil (10)	Sp Def (11)	Aut (12)	TOTAL (13)
A	How many handicapped children were newly assessed as needing special educational treatment at special schools or in boarding homes? (See notes a. and b. on page 4.)	boys	1	-	-	-	-	-	6	4	6	1	-	-	18
		girls	-	-	2	-	1	1	4	6	8	-	-	-	22
B	How many children were newly placed in special schools or boarding homes? (See note b. on page 4.) — i. of those included at A above	boys	-	-	2	-	-	-	-	2	5	1	-	-	8
		girls	-	-	-	-	1	1	4	2	5	-	-	-	13
	ii. of those assessed prior to January 1973	boys	-	-	-	-	1	-	2	18	1	-	-	-	22
		girls	-	-	2	-	-	-	1	6	2	-	-	-	11
	iii. TOTAL newly placed - Bi. and ii.	boys	-	-	-	-	1	-	2	20	6	1	-	-	30
		girls	-	-	2	-	1	1	5	8	7	-	-	-	24

TABLE K

HANDICAPPED PUPILS AWAITING PLACEMENT (1-5 AND 14) AND RECEIVING SPECIAL EDUCATIONAL TREATMENT (6-12)

Children from the authority's area as at 17 January 1974		Blind (1)		PS (2)		Deaf (3)		Pt Hg (4)		PH (5)		Del (6)		Mal (7)		ESN (M) (8)		ESN (S) (9)		Epil (10)		Sp Def (11)		Aut (12)		Total (13)	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Awaiting places in special schools. (See notes c. d. and e. on page 4).																											
Under 5 years of age: 1. waiting before 1 January 1973	a. day	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	b. boarding	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2. Newly assessed since 1 January 1973	a. day	–	–	–	–	–	2	–	–	–	–	–	–	–	–	2	2	1	3	–	–	–	–	–	–	3	7
	b. boarding	1	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	1	–	–	–	–	–	–	–	1	–
Aged 5 years and over: 3. Waiting before 1 January 1973	a. day	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19	19	1	1	–	–	–	–	–	–	20	20
	b. boarding	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6	2	–	–	–	–	–	–	–	–	6	2
4. Newly assessed since 1 January 1973	a. day	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	4	–	–	–	–	–	–	–	–	2	4
	b. boarding	–	–	–	–	–	–	–	–	–	–	–	–	6	–	–	–	–	–	–	–	–	–	–	–	6	–
5. Total number of children awaiting admission to special schools. 1 to 4 above.	a. day	–	–	–	–	–	2	–	–	–	–	–	–	–	–	23	25	2	4	–	–	–	–	–	–	25	31
	b. boarding	1	–	–	–	–	–	–	–	–	–	–	–	6	–	6	2	–	–	–	–	–	–	–	–	13	2
6. Maintained Special Schools including attached units and Hospital Special Schools. (See note f. on page 4)	a. day	–	–	–	–	–	–	1	1	3	6	–	–	–	–	20	73	38	25	–	–	–	–	–	–	62	105
	b. boarding	–	–	3	1	–	–	–	3	2	1	–	–	3	–	92	15	11	7	–	–	–	–	–	–	111	27
7. Non-maintained Special Schools including attached units and Hospital Special Schools. (See note f. on page 4)	a. day	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	b. boarding	3	–	–	–	4	2	1	–	1	1	–	1	2	–	–	–	–	–	1	1	–	–	–	–	12	5
8. Independent schools under arrangements made by the Authority. Totals to agree with the totals or Form 21aM. (See note g. on page 4)	a. day	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	b. boarding	–	–	–	–	–	–	–	–	–	–	–	–	7	–	–	–	1	2	–	–	–	–	1	–	9	2
9. Special classes in ordinary schools (assume all day) (See note h. on page 4)		–	–	–	–	–	–	–	–	–	–	–	–	–	–	42	20	–	–	–	–	–	–	–	–	42	20
10. Total on registers - 6 to 9 above	a. day	–	–	–	–	–	–	1	1	3	6	–	–	–	–	62	93	38	25	–	–	–	–	–	–	104	125
	b. boarding	3	–	3	1	4	2	1	3	3	2	–	1	12	–	92	19	12	9	1	1	–	–	1	–	132	34
11. Boarded in homes and not already included above. Totals to agree with the totals on Form 21bM. (See note i. on page 4)		–	–	–	–	–	–	–	–	–	–	–	–	10	6	–	–	–	–	–	–	–	–	–	–	10	6
12. Educated under arrangements made by the Authority in accordance with Section 56 of the Education Act 1944 (See notes j. and k. on page 4)	a. in hospitals																	2	6							2	6
	b. in other groups, eg. units for spastics									W.P. 5	D.U. 3															5	3
	c. at home									4	1		3													4	4
13. Total number of handicapped children awaiting places in special schools: receiving education in special schools: independent schools: special classes and units: under Section 56 of the Education Act 1944. and boarded in homes. Totals of 5. 10, 11 and 12.		4	–	3	1	4	4	2	4	15	12	–	4	28	6	183	135	54	44	1	1	–	–	1	–	295	211
14. Aged 5 years and over for whom no education is provided, included in 5 above.	a. at home																	1	1							1	1
	b. in hospitals and other places	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Number of teachers of the deaf and partially hearing employed by the authority (other than in special schools) on 17 January 1974.

Teachers employed	who have one of the special deaf qualifications listed in Note 4 ii of the Notes to Form 7M		who do not have such a qualification		TOTAL	
	M	F	M	F	M	F
1. in special classes/units						
2. in audiology clinics				–		
3. as peripatetic teachers	2	–	–	–	2	–
TOTALS	2	–	–	–	2	–

INDEX

	Page No.
Acute encephalitis	18
Air Pollution	34
Ambulance service	29
Ante-natal care	23
Anthrax vaccination	21
B.C.G. Vaccination	21
Births, live	16
Births, premature	24
Birth rate	16
Births, still	16
Care and after-care	30, 32
Care of Mothers and young children	23
Cervical cytology	31
Child guidance	43
Children, physical condition of	37
Chiropody service	30
Colour vision	36
Committees	5, 6
Congenital abnormalities	25
Consultant services	24
County Medical Officers of Health	15
Dairies	33
Deaths, infant	16
Deaths, tuberculosis	19
Dental care	44, 45
Diptheria, immunisation	20
Discharge from hospital	27
Distribution of welfare foods	26
Domiciliary confinements	27
Dysentery	18
Ear Nose and throat clinics	38
Education Committee	6
Environmental health	33
Epidemiology	16
Equipment, home nursing	32
Eye clinics	24, 37, 38
Family planning	24
Fluoridation	34
Food hygiene	33
Food poisoning	18
General statistics	16
Handicapped pupils	39
Health Committee	5
Health education	30
Health visiting	27
Home nursing	28
Hospital confinements	27
Hospital, discharge from	27
Hospital, provision for mothers and children	24
Immigrants	31
Immunisation	20
Infant mortality	16
Infant welfare centres	23
Infectious diseases	16, 18, 39
Infectious jaundice	18
Leptospirosis	18
Live births	16
Malaria	18
Marie Curie Memorial Foundation	28
Maternity outfits, provision of	25
Measles	18
Measles, vaccination	21
Medical inspections, schoolchildren	36, 40
Meningitis	18
Midwifery	27
Milk supplies and sampling	33
Milk, in schools	34
Mortality, infant	16
Mortality, maternal	16
Mothercraft and Relaxation classes	25
Nitrates in water supplies	34
Notifiable diseases	16, 17
Nursing equipment	32
Nursing homes	28
Nursing services	27
Nursing staff	8, 9, 10
Ophthalmia neonatorum	18
Ophthalmic clinics	24, 37, 38
Orthopaedic clinics	25, 38

	Page No.
Phenylketonuria	25
Poliomyelitis vaccination	21
Pollution	34
Population	16
Post-natal care	23
Premature births	24
Prevention of illness	30
Relaxation classes	25
Rubella vaccination	21
Sampling milk	33
Sampling water	34
Scarlet fever	18
School health service	36
School meals and milk	34
School population	36
Sewerage	34
Skin diseases	42
Smallpox, vaccination	20
Speech therapy	25, 43
Staff	7, 8, 9, 10 11, 12, 13, 14
Statistics, general	16
Statistics, vital	16
Stillbirths	16
Swimming pools	34, 35
Tetanus, immunisation	20
Tuberculosis	19, 31
Tuberculosis, notifications	19
Vaccination and immunisation	20
Vaccination, anthrax	21
Vaccination, B.C.G.	21
Vaccination, measles	21
Vaccination, poliomyelitis	21
Vaccination, rubella	21
Vaccination, smallpox	20
Venereal disease	19
Vermin, infestation with	41
Vital statistics	16
Water supplies and sampling	34
Welfare foods, distribution of	26
Whooping cough	18
Whooping cough, immunisation	20